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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Ola OLOFSSON

Art Unit: 3725

Serial No.: 10/761,401

Examiner: S. Self

Filed: January 22, 2004

For: A PROCESS FOR THE MANUFACTURING OF JOINING PROFILES

RESPONSE TO OFFICE ACTION

Commissioner for Patents
PO Box 1450
Alexandria, Virginia 22313-1450

Dear Sir:

As discussed during a Telephone Interview between the undersigned's associate, Eric Robins, and Examiner Self on July 20, 2004, Applicants note that although a Preliminary Amendment was filed concurrently with the present specification on January 22, 2004, the claims as amended by the Preliminary Amendment were not examined. Thus, the Examiner instructed the Applicant to simply mention this fact as his response to the Office Action of May 28, 2004. Thus, Applicants respectfully request consideration of claims 19-25. For the Examiner's convenience, a copy of the previously submitted Preliminary Amendment is attached hereto. As can be seen, the rejections in the Office Action of May 28, 2004 were moot when made, as rejected claims 1-18 were cancelled before the Examiner took the application up for examination.

If any issues remain which may best be resolved through a telephone communication, the Examiner is requested to telephone the undersigned at the local Washington, D.C. telephone number listed below.

Respectfully submitted,



Thomas P. Pavelko

Registration No. 31,689

TPP/EPR/mat

Attorney Docket No.: TPP 31436DIV

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Date: July 21, 2004



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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Ola OLOFSSON

Attn: Applications

Serial No.: New Divisional Application of
U.S. Serial No. 10/058,968

Filed: Herewith

For: A PROCESS FOR THE MANUFACTURING OF JOINING PROFILES

PRELIMINARY AMENDMENT

Honorable Commissioner of
Patents and Trademarks
Washington, D.C. 20231

Dear Sir:

Prior to calculation of the filing fee and examination on the merits, please amend the above-identified application as follows:

IN THE SPECIFICATION

Page 1, after the title, but before the first line, please insert the following:

--CROSS REFERENCE TO RELATED APPLICATIONS.

This application is a division of U.S. Application No. 10/058,968, filed January 30, 2003, now U.S. Patent No. 6,681,820, which claims priority under 35 USC § 119 from Swedish Patent Application No. 0100276-5, filed January 31, 2001.

BACKGROUND OF THE INVENTION

1. Field of the Invention--

Please amend the second full paragraph of page 2 as indicated:

If materials like fibre board or particle board are used it is known that burrs often occur which will obstruct the functionality in the tighter parts of a snap joint. This can be avoided by adding the step of coating of the milled profile section before the broaching stage where the fine moulding takes place. The coating suitably comprises a substance such as ~~selected from the group~~ wax, oil, a polymeric material being exemplified by a thermoplastic polyolefin and a lacquer being exemplified by a UV-curing lacquer.

Page 1, between the first and second paragraphs, please insert the following heading:

--SUMMARY OF THE INVENTION--.

Page 3, prior to the first full paragraph, please insert the following heading:

--BRIEF DESCRIPTION OF THE DRAWINGS--.

Page 3, prior to the last paragraph, please insert the following heading:

--DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS--.

IN THE CLAIMS

Please cancel claims 1-18 without prejudice or disclaimer and add the following new claims:

19. (New) A longitudinal profile made by a process comprising,
 - a) moulding a substantial part of the profile cross-section by means of milling with a milling tool, and
 - b) fine moulding undercuts in at least the groove of the board by means of broaching utilising at least one broaching tool.
20. (New) A system for forming a surface comprising a plurality of boards, the system comprising:
 - a first board having edges, at least one of the edges comprising a projecting tongue; and
 - a second board having edges, at least one of the edges comprising a depressed groove; wherein at least one of the tongue and the groove comprise a milled polymeric material, such that tongue and the groove are shaped to form a joint.
21. (New) The system of claim 20, wherein the tongue and the groove both comprise a milled polymeric material.
22. (New) The system of claim 20, wherein at least one of the tongue and the groove is glued to a core of the board.
23. (New) The system of claim 20, wherein the polymeric material is selected from the group consisting of thermoplastic and lacquer.
24. (New) The system of claim 20, wherein the polymeric material has been formed by extrusion before being milled.
25. (New) The system of claim 20, wherein at least one of the first board and the second board comprises a core, the core being formed from wood fiber board.

REMARKS

The purpose of the foregoing amendment is to enter appropriate headings and to recite disclosed, but previously unclaimed subject matter. No new matter is entered.

Respectfully submitted,



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Registration No. 31,689

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Date: Jan 22, 2004